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**PATENT**

*Free only*

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: 10/602,997  
Filing Date: June 23, 2003  
Applicant: Yi Cheng  
Group Art Unit: 2816  
Examiner: Lam, Tuan Thieu  
Title: Simplified Comparator with Digitally Controllable Hysteresis and Bandwidth  
Attorney Docket: MP0289

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Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**AMENDMENT**

Sir:

In response to the Office Action mailed March 30, 2005, please amend the application as follows and consider the remarks set forth below.

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks** begin on page 48 of this paper.

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